Quest Diagnostics

	PATIENT INFORMATION	
SPECIMEN INFORMATION	**John, Smith**	REPORT STATUS: FINAL

SPECIMEN INFORMATION
SPECIMEN: LV340301F
REQUISITION: 00954919
Lab ref no:

COLLECTED: 2019/02/14 12:54
RECEIVED: 2019/02/14 12:55
REPORTED: 2019/02/19 14:43

PATIENT INFORMATION
John, Smith
DOB: September 11, 1984
AGE: 20
GENDER: Male
FASTING: Unknown

Clinical Info:

REPORT STATUS: FINAL

ORDERING PHYSICIAN
Jane, Doe
CLIENT INFORMATION
2019-02-19 14:43:00 -0800
Lab Testing API
280 Madison Avenue
Room 912, 9th Floor
New York, NY 10016

Test Name	Result	Flag	Reference Range	Lab
LIPID PANEL WITH RATIOS				
CHOLESTEROL, TOTAL	183	NORMAL	<200 mg/dL	01
HDL CHOLESTEROL	44	LOW	>50 mg/dL	01
TRIGLYCERIDES	265	HIGH	<150 mg/dL	01

If a non-fasting specimen was collected, consider
repeat triglyceride testing on a fasting specimen
if clinically indicated.
Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.

LDL-CHOLESTEROL	101	HIGH	mg/dL (calc)	01

Reference range: <100

Desirable range <100 mg/dL for primary prevention;
<70 mg/dL for patients with CHD or diabetic patients
with > or = 2 CHD risk factors.

LDL-C is now calculated using the Martin-Hopkins
calculation, which is a validated novel method providing
better accuracy than the Friedewald equation in the
estimation of LDL-C.
Martin SS et al. JAMA. 2013;310(19): 2061-2068
(http://education.QuestDiagnostics.com/faq/FAQ164)

CHOL/HDLC RATIO	4.2	NORMAL	<5.0 (calc)	01
LDL/HDL RATIO	2.3	NORMAL	(calc)	01

Below average Risk: <2.34
Average Risk: 2.35-4.12
Moderate Risk: 4.13-5.56
High Risk: >5.57

NON HDL CHOLESTEROL	139	HIGH	<130 mg/dL (calc)	01

For patients with diabetes plus 1 major ASCVD risk
factor, treating to a non-HDL-C goal of <100 mg/dL
(LDL-C of <70 mg/dL) is considered a therapeutic
option.

Performing Laboratory Information:

01: Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale IL, phone: , Medical Director: MD
Anthony V Thomas